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Frontal Eye Fields

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Synonyms

[Eye fields](#)

Definition

The frontal eye fields (FEF) are part of the pre-frontal cortex and considered to be Brodmann area 8 and portions of area 9. The FEF receive input from numerous brain regions and seem to coordinate and maintain eye and head movements and gaze shifts and are involved in the orientation and attention responses to stimuli. Overall, the

FEF area receives information from the auditory, tactual, and visual environment and is considered to be a multimodal response area.

Cross-References

- ▶ [Eye Fields](#)
- ▶ [Saccadic Eye Movements](#)
- ▶ [Visual-Motor Function](#)
- ▶ [Visual Tracking](#)

References and Readings

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